

46. (New) A method for identifying a compound which binds to a polypeptide that is 95% identical to the amino acid sequence of SEQ ID NO:5 and is capable of modulating membrane excitability in a cell, the method comprising:

- a) contacting a cell expressing the polypeptide with a test compound under conditions suitable for binding; and
- b) determining whether the test compound binds to the polypeptide, thereby identifying a compound which binds to a polypeptide comprising the amino acid sequence of SEQ ID NO:5.

47. (New) A method for identifying a compound which binds to a polypeptide that is 95% identical to the amino acid sequence of SEQ ID NO:20 and is capable of modulating membrane excitability in a cell, the method comprising:

- a) contacting a cell expressing the polypeptide with a test compound under conditions suitable for binding; and
- b) determining whether the test compound binds to the polypeptide, thereby identifying a compound which binds to a polypeptide comprising the amino acid sequence of SEQ ID NO:20.

48. (New) A method for identifying a compound which binds to a polypeptide that is 95% identical to the amino acid sequence of SEQ ID NO:5 and is capable of modulating membrane excitability in a cell, the method comprising:

- a) contacting the polypeptide with a test compound under conditions suitable for binding; and
- b) determining whether the test compound binds to the polypeptide, thereby identifying a compound which binds to a polypeptide comprising the amino acid sequence of SEQ ID NO:5.

49. (New) A method for identifying a compound which binds to a polypeptide that is 95% identical to the amino acid sequence of SEQ ID NO:20 and is capable of modulating membrane excitability in a cell, the method comprising:

- a) contacting the polypeptide with a test compound under conditions suitable for binding; and